



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIBDATASHEET

CONFIRMATION NO. 2417

Bib Data Sheet

SERIAL NUMBER 10/817,215	FILING OR 371(c) DATE 04/02/2004 RULE	CLASS 327	GROUP ART UNIT 2816	ATTORNEY DOCKET NO. M-15339 US
APPLICANTS Xiang Zhu, San Jose, CA; Ming Qu, San Jose, CA; Yongmin Ge, Sunnyvale, CA;				
** CONTINUING DATA *****				
** FOREIGN APPLICATIONS *****				
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 06/18/2004				
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after met Allowance Verified and Acknowledged _____ Examiner's Signature Initials		STATE OR COUNTRY CA	SHEETS DRAWING 3	TOTAL CLAIMS 19
				INDEPENDENT CLAIMS 3
ADDRESS 29416				
TITLE CHARGE PUMP FOR A LOW-VOLTAGE WIDE-TUNING RANGE PHASE-LOCKED LOOP				
FILING FEE RECEIVED 1070	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	